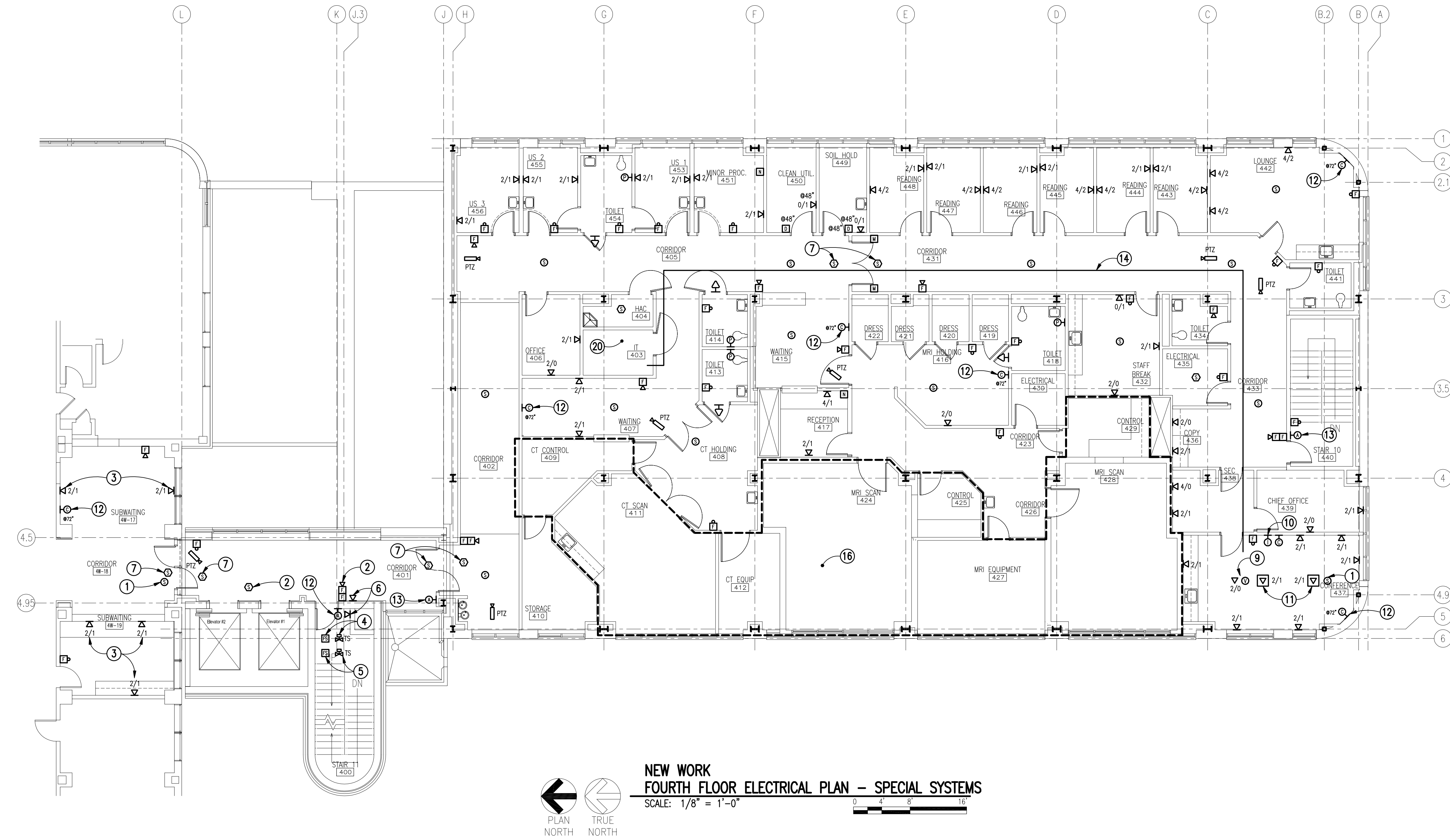
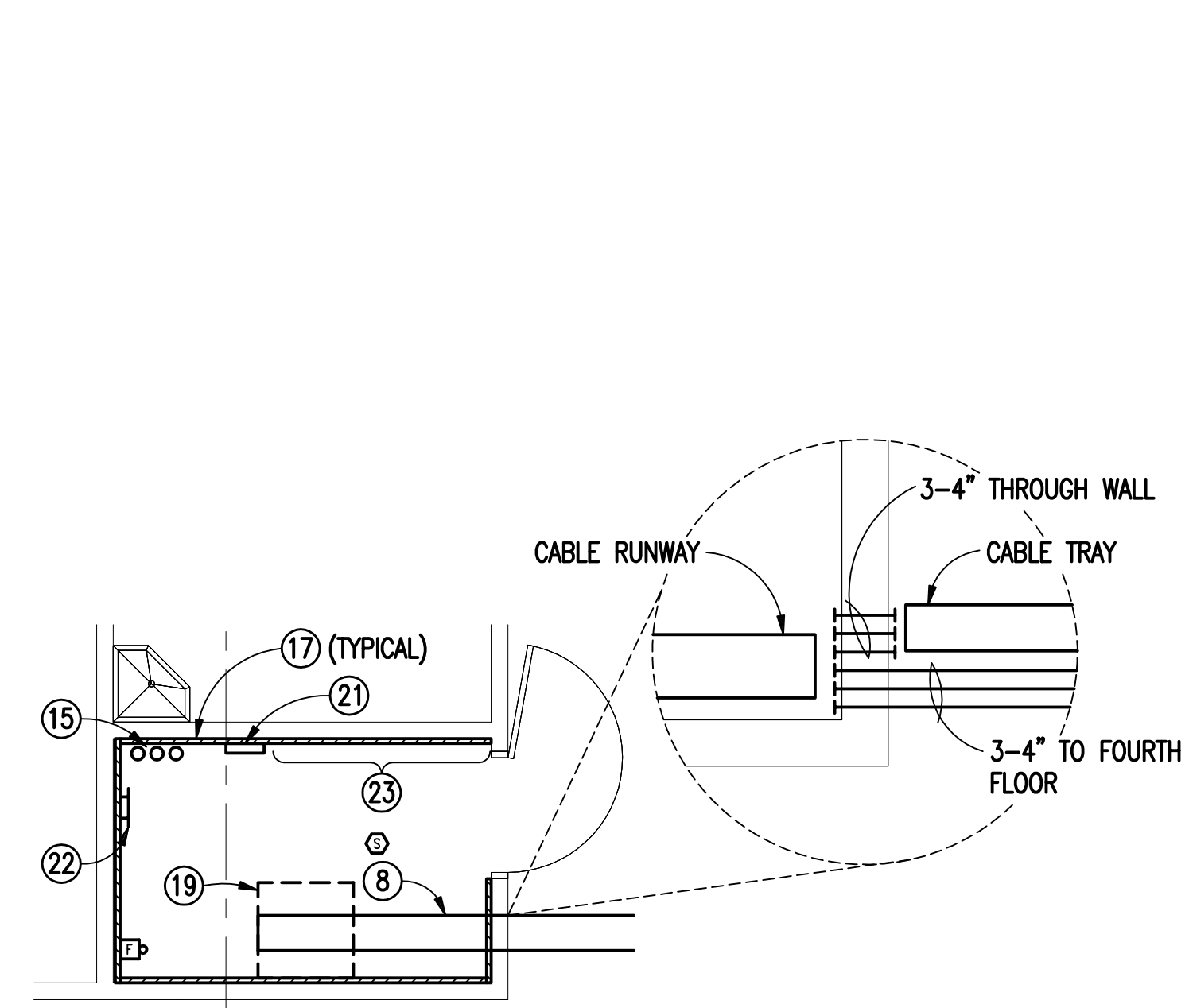


- GENERAL NOTES:**  
(SPECIAL SYSTEMS SHEET ONLY)
- A. EXISTING FIRE ALARM SYSTEM IS A JOHNSON CONTROLS ADDRESSABLE FIRE ALARM SYSTEM. CONTRACTOR SHALL PROVIDE AND HAVE INSTALLED ALL FIRE ALARM COMPONENTS FOR A COMPLETE AND INTEGRATED FIRE ALARM SYSTEM. MODIFICATIONS SHALL INCLUDE NEW ADDRESSABLE FIRE ALARM DEVICES, BOXES, CONDUIT, WIRE, ETC., AND ALL HARDWARE AND SOFTWARE CHANGES TO THE EXISTING FIRE ALARM SYSTEM. EXISTING FIRE ALARM CONTROL PANEL IS LOCATED IN ROOM 1-W-58. MAKE ALL CONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM. ALL COMPONENTS SHALL BE INSTALLED, PROGRAMMED AND TESTED BY JOHNSON CONTROLS.
- B. CONTRACTOR SHALL PROVIDE NEW CABLE TELEVISION (CATV) OUTLET IN EACH LOCATION AS SHOWN ON PLANS WITH "T" CONNECTOR AND RG6 COAX CABLE IN 1" CONDUIT TO SPLITTER ON PLYWOOD BACKBOARD IN IT 310 AND PROVIDE AMPLIFIER AND SPLITTER WITH 6 ADDITIONAL FUTURE LOCATIONS. ROUTE CABLE TO EXISTING CATV SERVICE IN BASEMENT ELECTRICAL CLOSET BS-04A. PROVIDE ALL NECESSARY EQUIPMENT, DEVICES, ETC. FOR A COMPLETE AND OPERABLE CATV SYSTEM.
- C. CAT 6 CABLE FOR ALL TELECOMMUNICATIONS CABLING SHALL BE ROUTED TO TELECOMMUNICATIONS CLOSET ROOM 310, AND TERMINATED IN PATCH PANELS. CONTRACTOR SHALL EXTEND DATA/VOICE CONNECTIONS FROM IT 2S-73 BELOW. PROVIDE (1) 6-STRAND MM RISER RATED FIBER AND TERMINATE ON EXISTING PATCH PANEL ON 2ND FLOOR. TERMINATE FIBER CABLE ON RACK MOUNTED FIBER PATCH PANEL. IN NEW IT CLOSET AT 3RD FLOOR. CROSS CONNECT TO PATCH PANELS BY OTHERS. PROVIDE CERAMIC ST CONNECTORS. CONTRACTOR TO PROVIDE ALL NEW PATCH PANELS AS REQUIRED. CONTRACTOR SHALL PROVIDE (1) 50 PAIR CABLE AND TERMINATE ON EXISTING 110 BLOCKS ON 2ND FLOOR. TERMINATE CABLE ON NEW 110 BLOCKS IN NEW 3RD FLOOR IT CLOSET. CONTRACTOR TO PROVIDE 110 BLOCKS AS REQUIRED.
- D. EXISTING PUBLIC ADDRESS (PA) IS DUKANE SYSTEM. CONTRACTOR SHALL ADD NEW SPEAKERS TO MATCH EXISTING LOCATED IN BUILDING. AT LOCATIONS AS SHOWN ON DRAWING. PROVIDE NEW AMPLIFIERS, HARDWARE, ETC. AS NEEDED FOR A COMPLETE AND OPERABLE SYSTEM. CONTRACTOR SHALL FOLLOW INSTALLATION REQUIREMENTS FOR RACEWAYS, BOXES, CABLING, ETC. AS OUTLINED IN DIVISION 27 SPECIFICATIONS.
- E. PROVIDE COMPLETE SECURITY CAMERA SYSTEM AT LOCATIONS SHOWN ON PLANS. CAMERAS SHALL BE PELCO SPECTRA SERIES #1VP HD IP HIGH SPEED INDOOR DOME TYPE, FLUSH MOUNTED IN CEILINGS. EXACT AIMING TO BE COORDINATED PRIOR TO INSTALLATION. ALL CAMERAS SHALL BE COMPATIBLE WITH PELCO ENDURA W55000 SOFTWARE SYSTEM. CONTRACTOR SHALL COORDINATE WITH SITE SECURITY AND IT PERSONNEL FOR A COMPLETELY INTEGRATED AND INSTALLED SYSTEM. CONTRACTOR TO PROVIDE PELCO ENDURA CERTIFIED TECHNICIAN TO POPULATE ALL NEW CAMERAS AND COORDINATE WITH EXISTING VA SYSTEM. PROVIDE ALL CONDUIT, FIBER OPTIC CABLING, ETC. AS REQUIRED FOR COMMUNICATION OF NEW CAMERAS WITH HEAD-IN EQUIPMENT ON FIRST FLOOR. CONTRACTOR SHALL FOLLOW INSTALLATION REQUIREMENTS FOR RACEWAYS, BOXES, CABLING, ETC. AS OUTLINED IN DIVISION 27 SPECIFICATIONS.
- F. CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL ACCESS CONTROL SYSTEM FOR NEW ADDITION. EXISTING ACCESS CONTROL SYSTEM IS HIRSCH VELOCITY SYSTEM. ALL NEW WORK TO BE COMPATIBLE WITH EXISTING SYSTEM. CONTACT DAVID BRAINIS AT (318) 221-8925 WITH ITG, INC FOR EQUIPMENT AND INSTALLATION. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT FOR ALL DEVICES SHOWN ON PLANS. THE INSTALLER SHALL PROVIDE ALL EQUIPMENT NECESSARY TO CONNECT THIS SYSTEM TO THE NETWORK AND TIE IT INTO THE EXISTING HIRSCH VELOCITY SYSTEM THAT IS SERVING THIS CAMPUS. SYSTEM DEVICES AND CARDS SHALL BE COMPATIBLE WITH THE EXISTING CAMPUS SYSTEM. CONTRACTOR SHALL FOLLOW INSTALLATION REQUIREMENTS FOR RACEWAYS, BOXES, CABLING, ETC. AS OUTLINED IN DIVISION 27 SPECIFICATIONS.

- NEW WORK KEYED NOTES:**  
(THIS SHEET ONLY)
- 1 PROVIDE NEW DUKANE PA SPEAKER TO MATCH EXISTING PA SYSTEM AT HOSPITAL. MAKE ALL CONNECTIONS TO EXISTING PA SYSTEM AS REQUIRED.
- 2 NEW FIRE ALARM DEVICE. MAKE ALL CONNECTIONS TO EXISTING HOSPITAL ADDRESSABLE SYSTEM.
- 3 PROVIDE NEW DATA OUTLET IN THIS APPROXIMATE LOCATION. DATA DROPS SHALL BE REROUTED/CONFIGURED FROM EXISTING DATA OUTLETS BEING REMOVED IN RENOVATED SPACES.
- 4 FLOW AND TAMPER SWITCHES IN STAIRWELLS OF ALL FLOORS.
- 5 FLOW AND TAMPER SWITCHES IN STAIRWELL OF NINTH FLOOR FOR SHAFR SPRINKLERS.
- 6 DEDICATED FIREFIGHTER TWO WAY COMMUNICATIONS PHONE OUTLET. CONTRACTOR SHALL COORDINATE EXACT LOCATION PRIOR TO INSTALLATION AND ROUTE NECESSARY CABLING BACK TO FACP AS REQUIRED FOR A COMPLETE SYSTEM.
- 7 CEILING MOUNTED SMOKE DETECTOR FOR DOOR HOLD OPEN HARDWARE. COMBINATION HOLD OPEN/CLOSER PROVIDED WITH DOOR HARDWARE.
- 8 CABLE RUNWAY , 24" WIDE.
- 9 PROVIDE DATA OUTLET AND VIDEO OUTLET ABOVE CEILING FOR OVERHEAD PROJECTOR. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN. CONTRACTOR SHALL COORDINATE EXACT CABLE/VIDEO REQUIREMENTS WITH VA PRIOR TO INSTALLATION.
- 10 APPROXIMATE LOCATION OF INTERCOM. PROVIDE EMPTY JUNCTION BOX WITH 3/4" CONDUIT ROUTED TO ABOVE ACCESSIBLE CEILING. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
- 11 PROVIDE 2 DATA/1 VOICE DATA LOCATION AT FLOOR BOX.
- 12 PROVIDE FLUSH MOUNTED MATV/CATV OUTLET AT 72" ABOVE FINISHED FLOOR. COORDINATE EXACT MOUNTING LOCATION PRIOR TO ROUGH-IN.
- 13 ACCESS CONTROL LOCATIONS. PROVIDE PROXIMITY SENSOR WITH DOOR STATUS MONITOR AND PROXIMITY/INFRARED SENSOR. PROVIDE JUNCTION BOX WITH 3/4" CONDUIT TO HIRSCH PANEL IN IT CLOSET 403. COORDINATE EXACT LOCATION.
- 14 12" LADDER TYPE ALUMINUM CABLE TRAY. SEE DETAIL, SHEET E501.
- 15 PROVIDE (3) 4" CONDUIT SLEEVES THROUGH FLOOR AND INTO CEILING OF IT 310 ON 3RD FLOOR. PROVIDE WITH NYLON PULLSTRING.
- 16 SEE LARGE SCALE PLAN, SHEET EP401.
- 17 WOOD BACKBOARD ON ALL WALL SURFACES INSIDE IT CLOSET. PROVIDE ANGLE SUPPORT FRAME FOR RIGID SUPPORT AND CLEAN INSTALLATION. PAINT ALL BACKBOARDS GRAY. PROVIDE 110 BLOCKS AS REQUIRED FOR TERMINATIONS OF NEW VOICE DROPS THROUGHOUT FOURTH FLOOR.
- 18 18" LADDER TYPE, ALUMINUM CABLE TRAY WITH RUNG SPACING EVERY 12" MINIMUM.
- 19 STANDARD TELECOMMUNICATIONS FLOOR RACK. PROVIDE PATCH PANELS AS REQUIRED FOR TERMINATION OF NEW DATA DROPS THROUGHOUT FOURTH FLOOR AND FIBER CONNECTIONS.
- 20 SEE NEW WORK SPECIAL SYSTEMS PLAN ROOM 403, THIS SHEET.
- 21 110 PUNCHDOWN BLOCKS.
- 22 TGB.
- 23 FIRE ALARM, CATV, NURSE CALL, PA, CCTV, ACCESS CONTROL MOUNTING LOCATIONS.



**NEW WORK  
FOURTH FLOOR ELECTRICAL PLAN - SPECIAL SYSTEMS**  
SCALE: 1/8" = 1'-0"



**NEW WORK SPECIAL SYSTEMS PLAN ROOM 403**  
SCALE: 1/4" = 1'-0"

- DATA RACK DETAIL ROOM 403**  
SCALE: NONE
- A. ALL COMPONENTS AND TERMINATIONS BY THE CONTRACTOR EXCEPT OWNER EQUIPMENT. OWNER EQUIPMENT NOT IN CONTRACT.
- B. CROSS-CONNECTS TO OWNER EQUIPMENT BY OWNER.
- C. PROVIDE 48 PORT PATCH PANELS AS REQUIRED FOR DROPS SHOWN PLUS 50% FOR FUTURE.
- D. PROVIDE FLOOR MOUNTED DATA RACK COMPLETE WITH WIRE MANAGEMENT AND POWER PLUG STRIPS WITH 12' CORD MINIMUM.

- NOTES:**  
(THIS DATA RACK ROOM 403 DETAIL ONLY)
- 1 FIBER BACKBONE
- 2 HORIZONTAL CABLE MANAGEMENT
- 3 48 PORT PATCH PANEL-V
- 4 48 PORT PATCH PANEL-D
- 5 VA SWITCH
- 6 VERTICAL CABLE MANAGEMENT

CONSULTANTS:		ARCHITECT:		Drawing Title:		Project Title:		Project Number:		OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT	
CLARK•NEXSEN 440 MARTIN LUTHER KING, JR. BLVD. MACON, GA 31201 478-743-8415 FAX 478-743-8239 WWW.CLARKNEXSEN.COM		TOLAND MIZELL MOLNAR 590 Means Street NW, Suite 200 Atlanta, GA 30318 404.214.9774		NEW WORK FOURTH FLOOR ELECTRICAL PLAN SPECIAL SYSTEMS		EXPAND RADIOLOGY AND SPS OVERTON BROOKS VAMC		667-083			
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